



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C3-K

Job Sheet 179043



005159

Part No: C3-K

Job Qty: 1 ea

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity - Keeperless



Part Weight: 0 lbs

Status: At Planning

Priority: Medium

Job Created: 6/12/18

Job Tracking No:

Due Date: 7/6/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C3-K Rev 3 IPP Rev A 18.03.16 New issue DP Verify DD

Ship Via:

5104160

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		7/6/18	0.00	0.00	Start Up Small Fab-4		M.H.
100	Small Fab	1 pcs		7/6/18	0.00	1.00	Small Fab-3		AP
110	QC	1 pcs		7/6/18	0.00	0.00	QC5		18-8-24
120	DC	1 pcs		7/6/18	0.00	0.00	DC		21 AUG 24 2018
130	Packaging	1 pcs		7/6/18	0.00	0.00	Packaging3-2		21
140	QC21-SA	1 Ea		7/6/18	0.00	0.00	QC21		21 AUG 24 2018

Part Op 100 - 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 2. 2- ASSEMBLE AS
Descriptions: PER DWG

120 - Photocopy blue file OM & OOPM-C3 Rev 4

130 - Identify and Stock

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	5058750
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	90-Start up Operation	5058763
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-Small Fab	5056187
32446	Crimp Terminal	2 Ea (2 ea)	100-Small Fab	5047075
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-Small Fab	5073059
AN4-16A	Bolt	3 Ea (3 ea)	100-Small Fab	5082909
AN4-17A	Bolt	1 Ea (1 ea)	100-Small Fab	5089287
AN6-15A	Bolt	1 Ea (1 ea)	100-Small Fab	5076004
AN960-10	Washer	1 Ea (1 ea)	100-Small Fab	5075330
AN960-10L	Washer, #10	2 Ea (2 ea)	100-Small Fab	5103666
AN960-416	Flat Washer Dia 1/4"	8 Ea (8 ea)	100-Small Fab	5078780
AN960-616L	5/8" OD, THIN FLAT WASHER see NAS1149F0632P	2 Ea (2 ea)	100-Small Fab	5048297
C2-1-1	Manual Release Knob	1 Ea (1 ea)	100-Small Fab	5100195
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	100-Small Fab	5068051
C2-11-2	Locating Pin	2 Ea (2 ea)	100-Small Fab	5058367
C2-3-1	Bearing DU	2 pcs (2 ea)	100-Small Fab	5093406
C2-3-10	Latch Shaft	1 Ea (1 ea)	100-Small Fab	5046764
C2-3-11	Actuator	1 pcs (1 ea)	100-Small Fab	5075123
C2-3-2 P	Latch Roller Pin	1 Ea (1 ea)	100-Small Fab	5029246
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-Small Fab	5056845
C2-3-3	Latch Roller	1 Ea (1 ea)	100-Small Fab	5068693
C2-3-3-1	Latch Roller DU Bearing	1 Ea (1 ea)	100-Small Fab	5050472

5049515
5074909

C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-Small Fab
C2-3-6	Latch	1 Ea (1 ea)	100-Small Fab
C2-3-8	Actuator Bushing	2 Ea (2 ea)	100-Small Fab
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-Small Fab
C3-10-2	Lock Spring	1 Ea (1 ea)	100-Small Fab
C3-11-1	Side Plate - Solenoid C3-Hook	1 Ea (1 ea)	100-Small Fab
C3-12-1	Lock Bushing	2 Ea (2 ea)	100-Small Fab
C3-12-2	Lock Shaft - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-12-3	Lock - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-12-4	Lock Roller ✓	1 Ea (1 ea)	100-Small Fab
C3-12-5	Lock Roller Pin ✓	1 Ea (1 ea)	100-Small Fab
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-Small Fab
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-Small Fab
C3-13-4-2	Keeperless Adapter ✓	1 (1 ea)	100-Small Fab
C3-2-1	Side Plate C-3 Hook	1 Ea (1 ea)	100-Small Fab
C3-3-4	Link Pin	2 Ea (2 ea)	100-Small Fab
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-Small Fab
C3-3-7	Link	1 Ea (1 ea)	100-Small Fab
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-Small Fab
C3-4-1	Load Beam Bushing	2 Ea (2 ea)	100-Small Fab
C3-4-4KA	Keeperless Load Beam Assembly - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-7-1	Load Beam Bumper ✓	1 Ea (1 ea)	100-Small Fab
C3-7-2	Lock Bumper	2 Ea (2 ea)	100-Small Fab
C3-8-2	Solenoid	1 Ea (1 ea)	100-Small Fab
C3-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	100-Small Fab
C3-8-5	Solenoid Cover	1 Ea (1 ea)	100-Small Fab
C3-9-1	Clock Spring Cover - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-9-2	Spring, Clock ✓	1 pcs (1 ea)	100-Small Fab
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-Small Fab
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-Small Fab
MS21044N4	Nut, Self-Locking	2, 4 Ea (4 ea)	100-Small Fab
MS21083-N3	Nut	2 Ea (2 ea)	100-Small Fab
MS21083N6	Nut	1 Ea (1 ea)	100-Small Fab
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-Small Fab

5058758
5083629
5079664
5058759
5098948
5079472
5094886
5079009
5029266
5100620
5029268
5079988
5029270
5029272
5077290
5094866
5041607
5048430
5029280
5099320
5097897
5100147
5103777
5076928
5093167
5100111
5029289
5089524
5097889
5075144
5061119 (3) 509251C
5036469 5076011
5076012
5075329

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	159	0
	188-FSCS-832-5/8	4	128	0
100-Small Fab	2595K22	1	66	0
	32446	2	182	0
	8183K6	1	19	0
	AN4-16A	3	262	0
	AN4-17A	1	335	0
	AN6-15A	1	49	0
	AN960-10	1	3,363	0
	AN960-10L	2	0	0
	AN960-416	8	0	0
	AN960-616L	2	0	0
	C2-1-1	1	0	0
	C2-10-1	1	100	0
	C2-11-2	2	100	0
	C2-3-1	2	44	0
	C2-3-10	1	25	0
	C2-3-11	1	20	0
	C2-3-2	1	0	0
	C2-3-2-1	2	62	0
	C2-3-3	1	15	0
	C2-3-3-1	1	15	0
	C2-3-5	2	69	0
	C2-3-6	1	0	0
	C2-3-8	2	68	0
	C2-5-1	1	40	0
	C3-10-2	1	24	0
	C3-11-1	1	20	0

C3-12-1	2	11	0
C3-12-2	1	45	0
C3-12-3	1	4	0
C3-12-4	1	0	0
C3-12-5	1	0	0
C3-12-6	2	63	0
C3-13-1	2	50	0
C3-13-4-2	1	0	0
C3-2-1	1	20	0
C3-3-4	2	28	0
C3-3-4-1	4	138	0
C3-3-7	1	46	0
C3-3-9	1	0	0
C3-4-1	2	2	0
C3-4-4KA	1	1	0
C3-7-1	1	1	0
C3-7-2	2	12	0
C3-8-2	1	1	0
C3-8-4	1	15	0
C3-8-5	1	0	0
C3-9-1	1	0	0
C3-9-2	1	0	0
EL-PLUG-M	1	90	0
M27500-16TG2T14	1	100	0
MS21044N4	4	88	0
MS21083-N3	2	98	0
MS21083N6	1	62	0
MS35266-63	1	73	0

Part Specifications

Specifications could not be found.



Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 179043

Customer _____

Serial Number S104160

Date 2018/08/24

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	PASS
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	9.4 A	PASS
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.4 A	PASS
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	9.4 A	PASS
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.4 A	PASS
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.4 A	PASS
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	8.5 A	PASS
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	11.6 A	PASS
1	3,000	Manual		N/A	PASS
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	1.8 Ω	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

Test Conducted By:

Francis CACOTIX
ALAIN PATRY

Technician

Submit

Signature: _____

QC 5 Small FAB / QA